

REMARKS/ARGUMENTS
CLAIM OBJECTIONS:

Claim 23 was objected to on the basis that it stated polypropylene rather than propylene. Correction has been made to overcome this objection.

CLAIM REJECTIONS:
35 U.S.C. §112

Claims 19 and 20 were rejected under 35 USC 112. Claim 20 has been cancelled to overcome such rejection, and has been rewritten as new claim 52, with a non-objectable limitation for silica set forth in claim 53.

35 U.S.C. §102
Bowes et al.

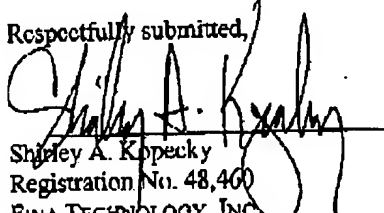
Claims 19-21 and 23-51 stand rejected under 35 U.S.C. 102(b) as being anticipated by Bowes et al. (U.S. 4,579,993), which incorporates Argauer (U.S. 3,702,886) by reference. Bowes is directed to the conversion of methanol to olefins and does not teach or disclose Applicants' method of producing a catalyst to crack olefins, or a catalyst that has a silicon/aluminum atomic ratio of at least 120 after steaming and extraction (as set forth in the newly added dependent claims).

Drake has also been listed in the considered, but not cited art. Drake similarly does not anticipate or make Applicants' invention obvious.

Having addressed all of the issues set forth in the office action, Applicants respectfully submit that the amended claims and newly added claims are in condition for allowance.

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Respectfully submitted,


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